

Abstract of the Disclosure

Disclosed is an automatic analyzer that includes a reagent vessel for containing a reagent, a pipette probe that has a liquid surface detection function and dispenses a reagent from the reagent vessel, a reaction vessel for containing a reagent that is dispensed from the pipette probe, an analysis mechanism for measuring a reaction between a reagent and a sample within the reaction vessel, a storage means for memorizing liquid surface position information that is acquired by the liquid surface detection function; a liquid surface estimation mechanism for estimating the current liquid surface position in accordance with time-sequential changes in liquid surface information stored by the storage means, and a function for controlling a dispensing operation of the pipette probe in accordance with the result of liquid surface estimation by the liquid surface estimation mechanism.